EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L19	14	(non$preempt$4 non adj preempt$4) with schedul$3 with (dead$line dead adj line)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:14
L20	16	(non$preempt$4 non adj preempt$4) with schedul$3 with (sporad$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:17
L21	21	(non$preempt$4 non adj preempt$4) with schedul$3 with (period$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:18
L22	5	21 not 20	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:17
L23	198	(non$preempt$4 non adj preempt$4) with schedul$3	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:18
L24	56	(non$preempt$4 non adj preempt$4) with schedul$3 and (dead$line dead adj line)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:21
L25	15	24 and @ad < "19980807"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:21
L26	20	atomic near2 (task segment code) same schedul$3	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:39
L27	6459	(709/223).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/24 16:39
L28	1540	(718/102).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/24 16:39
L29	459	(718/101).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/24 16:39
L30	882	(719/318).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/24 16:39
L31	622	(718/103).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/24 16:39
L32	52	schedul$3 with (non$pre$empt$3 non$interrupt$3) with (thread job task process) and (thread job task process) with (due dead$line start adj time)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:39
L33	398	schedul$3 with (real$time nonpreempt$3 non$interrupt$3) with (thread job component process) and (component thread job process) with (compris$3 includ$3 contain$3 set plurality many) near2 (function task action instruction)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:39

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L34	438	schedul$3 with (real$time nonpreempt$3 non$interrupt$3) with (thread job component process task) and (thread job process) with (compris$3 includ$3 contain$3 set plurality many) near2 (function task action instruction)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:39
L35	516	schedul$3 with (real$time nonpreempt$3 non$interrupt$3) with (thread job component process task) and (thread job process) with (compris$3 includ$3 contain$3 set plurality many) with (function task)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:39
L36	1418	schedul$3 with (real$time nonpreempt$3 non$interrupt$3) with (thread job component process task) and (thread job component process task) with (function task instruction)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:39
L37	103	schedul$3 with (real$time nonpreempt$3 non$interrupt$3) with (thread job component process task) and (thread job component process task) with (due deadline start time) with (id identifier)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:39
L38	44	schedul$3 near2 (real$time nonpreempt$3 non$interrupt$3) with (thread job component process task) and (thread job component process task) with (due deadline start time) with (id identifier)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:39
L39	222	schedul$3 near2 (real$time nonpreempt$3 non$interrupt$3) and (thread job component object process task) with (due deadline start time) same (id identifier)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:39
L40	125	schedul$3 with (real$time nonpreempt$3 non$interrupt$3) and (thread job component object process) with (group set plurality) with (task) with (due deadline start time)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:39
L41	24	schedul$3 with (real$time nonpreempt$3 non$interrupt$3) same (process job thread) with (group set plurality) with (task function) with (due deadline start time)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:39
L42	73	schedul$3 with (real$time nonpreempt$3 non$interrupt$3) same (component object process) same (task) same (due deadline start time) same (priority preference)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:39
L43	3	schedul$3 same (real$time nonpreempt$3 non$interrupt$3) same (component object process) same (task) same (due deadline start time) same (priority preference) and interupt and event	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:39
L44	425	schedul$3 same (real$time nonpreempt$3 non$interrupt$3) same (component object process) same (task) same (due deadline start time)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:39
L45	122	schedul$3 same (real$time nonpreempt$3 non$interrupt$3) same (component object process) same (task) same (due deadline start time) same (priority preference)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 16:39

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S1	395	schedul$3 same (real$time nonpreempt$3 non$interrupt$3) same (component object process) same (task)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:01
S50	29	schedul$3 same (real$time nonpreempt$3 non$interrupt$3) same (component object process) same (task) same (dead$line)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:46
S51	29	schedul$3 same (real$time nonpreempt$3 non$interrupt$3) same (component object process) same (sub$task task) same (dead$line)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:06
S52	10	S51 and @ad < "19980807"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:08
S53	29	schedul$3 same (real$time nonpreempt$3 non$interrupt$3) same (job process) same (sub$task task) same (dead$line)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:06
S54	171	schedul$3 same (real$time nonpreempt$3 non$interrupt$3) same (sub$task task) same (dead$line)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:07
S55	0	schedul$3 same (real$time nonpreempt$3 non$interrupt$3) same (sub$task task) same (dead$line) same (event state alert messag$3) near2 propagat$3	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:07
S56	0	schedul$3 same (real$time nonpreempt$3 non$interrupt$3) same (sub$task task) same (dead$line) and (event state alert messag$3) near2 propagat$3	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:08
S57	18	schedul$3 same (real$time nonpreempt$3 non$interrupt$3) same (sub$task task) same (dead$line) and (event state alert messag$3) near2 (propagat$3 depend$3 forward$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:18
S58	6	S57 and @ad < "19980807"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:10
S59	30	S54 and @ad < "19980807"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:19
S60	2	(nonpreempt$3 non$interrupt$3) same (sub$task task) same (dead$line) and (event state alert messag$3) near2 (propagat$3 depend$3 forward$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:18

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S61	108	(real$time non$pre$empt$3 non$interrupt$3) same (sub$task task) same (dead$line) and (event state alert messag$3) near2 (propagat$3 depend$3 forward$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:19
S62	103	(real$time non$pre$empt$3 non$interrupt$3 atomic$3) with (sub$task task) same (dead$line) and (event state alert messag$3) near2 (propagat$3 depend$3 forward$3)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:19
S63	5	S62 and @ad < "19980807"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:46
S64	7	schedul$3 same (non$pre$empt$3 non$interrupt$3) same (job process) same (task) same (dead$line)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:46
S65	25	schedul$3 same (non$pre$empt$3 non$interrupt$3) same (job process task) same (dead$line)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:52
S66	8	S65 and @ad < "19980807"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:53
S67	26	schedul$3 same (non$pre$empt$3 non$interrupt$3 atomic$4) same (job process task) same (dead$line)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:56
S68	29	(nonpreempt$3 non$interrupt$3 atomic$4) same (job process task) same (dead$line)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:53
S69	9	S68 and @ad < "19980807"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:56
S70	7	schedul$3 same (non$pre$empt$3 non$interrupt$3) and (atomic$4) same (job process task) same (dead$line)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:56
S71	7	S70 and @ad < "19980807"	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2007/09/20 15:56

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However, a **non-preemptive scheduler** executes the. currently running **task** to completion before ... **Deadline** First (EDF) which is a well studied scheduling ...
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A set of predefined **events** is. offered to the specifier, like for example: the begin of. a new **task** occurrence, the reaching of a **deadline**, the ...
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implementation of a **non-preemptive scheduler** will be ..... time interval may elapse between a **task's deadline** and its. next invocation. ...
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while this may not happen with a **non-preemptive scheduler**. ..... Out("**Task** "); Out (**Event-Task**);. Out(" Has reached his **deadline**\n"); ...
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a **non-preemptive scheduler**, then neither **task** can preempt. the other. ..... real-time **deadline** is that posting a TinyOS **task**, which dis- ...
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Blocks with more than one output link must be the end of a **task** only when immediate successor with shortest **deadline** already belongs to a **task** ...
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these **events** within a maximum time (the **task deadline**). ... A **non preemptive scheduler** could lead to run a low. priority **task** while a high priority **task** is ...
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tasks communicate via FIFO-channels with blocking read / non-blocking write ... Periodic and sporadic **events** with jitter, offset, period, and **deadline**. ...
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In EDF, the **task** with the earliest **deadline** is chosen for execution. ... which can be used to enhance any given **non-preemptive scheduler**. This scheme uti- ...
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if, for example, a scheduler providing an **event**-processing ..... mon scheduler to two **tasks** is a **non-preemptive scheduler**,. then neither **task** can preempt ...
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A **non preemptive scheduler** could lead to run a low priority **task** while a high ... The sporadic **tasks** will have only one instance, with a certain **deadline** to ...
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An alternative kind of preemptive **task** scheduler is called a **deadline** scheduler. This kind of scheduler tries to give execution time to the **task** that is ...
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non-preemptive scheduler. And such a scheduler gobbles up lots of RAM memory for .... An alternative kind of preemptive **task** scheduler is called a "**Deadline** ...
claraty.jpl.nasa.gov/archive/2006_embedded_systems_conference/TechSeminars/docs/pdf/papers/446paper.pdf - Similar pages

[PS] Multi-Processor Schedulability Analysis of Preemptive Real-Time ...
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A **non-preemptive scheduler** (but possibly variable execution time and feed- ..... **task** can miss its **deadline** as long as the halt location is not visited. ...
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with variable **task** execution times and a **non-preemptive scheduler**, the ..... **task** can miss its **deadline** as long as the halt location is not visited. ...
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[PS] Schedulability Analysis with Variable Computation Time of **Tasks**
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and **deadline** is projected out.) Let P be the set of **task** types, then Q ..... A **non-preemptive scheduler** (but possibly variable execution time and ...
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Deadline scheduler. Periodic and non-periodic. Polled and. **tasks** ..... than any **non-preemptive scheduler**. And such a scheduler gobbles up lots ...
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Urgency The **task deadline** allows the specification of the urgency of data ..... first-in-first-out **non-preemptive scheduler**. So, with this processor, ...
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CPU Scheduling
next **task** is the one with the earliest **deadline**. maybe even if the **task** is not yet ready. starting deadlines only, use **non-preemptive scheduler** ...
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Proof: Let us assume that an optimal **non-preemptive scheduler** (not having ..... pendent **tasks** and a given **deadline** is NP-complete [Garey and Johnson, 1979]. ...
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For example with a **non-preemptive scheduler**, **tasks** cannot be interfered with ..... The relative **deadline** is classed as the **task's deadline** minus ...
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ration as a preemptive (using signalling) vs. **non-preemptive scheduler**. ...
scheduling (for example Earliest **Deadline** First or multiprocessor ...

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The CAN-bus has priority arbitration and a **non-preemptive scheduler**. ..... may be the most critical **task** that misses its **deadline** first, and it can go from ...
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choice of the **non-preemptive scheduler**. The approach taken in the. CHINOOK. system suers ..... sult of a synthesis **task** still satises all constraints. ...
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Non-preemptive scheduler doesn't. • What are we trying to optimize? .... Under normal load, all deterministic (hard **deadline**) **tasks** ...
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The data structures needed by a coroutine based **non-preemptive scheduler** are ..... scheduler process priority queue **task** shortest **deadline** first scheduler ...
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The **deadline** is usually measured relatively to the release time of. that instance. .... **non-preemptive scheduler**, the **task** of scheduling becomes NP-hard. ...
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cessing is finished before the **deadline**, hence, the worst-case jitter does not deteriorate ..... While the **non-preemptive scheduler** rejects the process set, ...
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time-driven and **event**-driven **tasks** with short deadlines. ..... in nding a **non-preemptive scheduler**. However, sporadic **tasks** are not considered in these ...
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[PS] Making Paths Explicit in the Scout Operating System David ...
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it is easy to determine the its processing **deadline**, how many CPU cycles need .... Scout uses a **non-preemptive scheduler** because it meets our needs and is ...
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> [PS] Fbufs [6] are a path-oriented buffer management ...
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> "priority" in terms of a **deadline**. We present an example. of this in the next section. Scout uses a **non-preemptive scheduler** because it ...
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deterministic **non-preemptive scheduler**, which is in most .... that the **deadline** for the next **event** may be incremented by. P time units. ...
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of the blocks are updated as a low priority **task** in the. background. ... portable **non-preemptive scheduler**. The DBMS con-. sists of a single user process on ...
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Highest priority **task** to dispatch trigger **events** and execute reactions; Strictly obey the .... **Non-preemptive scheduler**; Performance profiler. POSIX Thread ...
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any other **non-preemptive scheduler**. 3.2.2. Least Laxity. The laxity of a process is

defined as the **deadline** minus remaining computation time. With the ...
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In a **non-preemptive scheduler**,. once an object starts to be serviced, ... that costs can be associated with the violation of the **deadline**. ...
webtp.eecs.berkeley.edu/publications/optimization.ps - Similar pages

[PS] 1 MOGAC: A Multiobjective Genetic Algorithm for Hardware-Software ...
File Format: Adobe PostScript - View as Text
Deadline = 15. **Deadline** = 23. **Deadline** = 10 ... A **deadline**, the time by which the **task** ..... lems, a **non-preemptive scheduler** was sufcient to al- ...
www.lania.mx/~ccoello/EMOO/dick98.ps.gz - Similar pages

Class Notes for Operating Systems
A **non-preemptive scheduler** doesn't; The number of processes changes only for ..... **tasks** (there are a fixed set of **tasks**) so that each meets its **deadline**. ...
cs.nyu.edu/~gottlieb/courses/1999-00-fall/os/class-notes.html - 153k - Cached - Similar pages

> Class Notes for Operating Systems
> A **non-preemptive scheduler** doesn't; The number of processes changes only for ..... each meets its **deadline**. The run time of each **task** is known in advance. ...
> cs.nyu.edu/~gottlieb/courses/1999-00-spring/os/class-notes.html - 179k - Cached - Similar pages
> [More results from cs.nyu.edu]

[PS] Bounding the Power of Preemption in Randomized Scheduling
File Format: Adobe PostScript - View as Text
deadline. At all times the sum of the loads of the jobs in service on a given processor ..... On the competitiveness of on-line real-time **task** scheduling. ...
www.ics.uci.edu/~irani/pubs/preemptsched_sicomp.ps - Similar pages

[PDF] Scheduling
File Format: PDF/Adobe Acrobat - View as HTML
video active all the time: so TS **tasks** (shell, X) not .... **Non-preemptive scheduler** does not. •. What are we trying to optimize? ...
people.csa.iisc.ernet.in/vamsi/term1/os/4.ext.pdf - Similar pages

[DOC] Table of Contents:
File Format: Microsoft Word - View as HTML
Each **task** is characterized by a set of activation conditions, execution time, resources that it has to access, and completion **deadline**. ...
vehicle.me.berkeley.edu/mobies/papers/etc_challenge_problem_8_6_01.doc - Similar pages

[PS] Dynamic Scheduling and Fault-Tolerance: Specication and Verication
File Format: Adobe PostScript
Once allocated, a **non-preemptive scheduler** will let a **task** run to completion. ..... **deadline**, the higher its priority. Suppose every **task** requests a ...
run.iist.unu.edu/bitstream/repository/2120/2/report66.ps.gz - Similar pages